

Title (en)

Coordinated frequency reuse of a terrestrial and a satellite system.

Title (de)

Koordinierte Wiederverwendung von Frequenzen von einem irdischen System und einem Satellitensystem.

Title (fr)

Réutilisation coordonnée de fréquences d'un système terrestre et d'un système satellitaire.

Publication

EP 1316233 B1 20111005 (EN)

Application

EP 01963764 A 20010801

Priority

- US 0124046 W 20010801
- US 22260500 P 20000802
- US 24519400 P 20001103
- US 25046100 P 20001204

Abstract (en)

[origin: US7636567B2] A system and method of operation for efficiently reusing and/or sharing at least a portion of the frequency spectrum between a first satellite spot beam and a second satellite spot beam, and/or an underlay terrestrial network associated with a second satellite spot beam. The spectrum is efficiently reused and/or shared between respective spot beams and/or associated underlay terrestrial systems in a manner minimizes interference between the respective satellite and terrestrial systems.

IPC 8 full level

H04B 7/185 (2006.01); **H04B 7/204** (2006.01); **H04W 16/14** (2009.01)

CPC (source: EP US)

H04B 7/18539 (2013.01 - EP US); **H04B 7/18563** (2013.01 - EP US); **H04B 7/2041** (2013.01 - EP US); **H04W 16/14** (2013.01 - EP US)

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WO 0211302 A2 20020207; **WO 0211302 A3 20020425**; **WO 0211302 B1 20020704**; AT E527764 T1 20111015; AU 2001284688 B2 20060706; AU 8468801 A 20020213; CA 2381811 A1 20020207; CA 2381811 C 20070130; EP 1316233 A2 20030604; EP 1316233 A4 20040303; EP 1316233 B1 20111005; MX PA02001964 A 20030721; US 2002041575 A1 20020411; US 2004023658 A1 20040205; US 2005181786 A1 20050818; US 2005272369 A1 20051208; US 2006194576 A1 20060831; US 2006211371 A1 20060921; US 2009305697 A1 20091210; US 6892068 B2 20050510; US 7149526 B2 20061212; US 7593726 B2 20090922; US 7636567 B2 20091222

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